

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/053134

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60B3/02 B60B3/06 B21D53/26 G01M1/34 G01M1/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60B B21D G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 607 757 A (REYNOLDS WHEELS S.P.A) 27 July 1994 (1994-07-27)	1-7, 10-21
Y	column 2, lines 5-23; claims 1,2; figures 1-6	8,9
Y	----- DE 24 55 279 A1 (CONTINENTAL GUMMI-WERKE AG; CONTINENTAL GUMMI-WERKE AG, 3000 HANNOVER,) 12 August 1976 (1976-08-12) the whole document	8
A	----- US 3 951 563 A (RAVENHALL ET AL) 20 April 1976 (1976-04-20) column 2, lines 10-54; claim 1; figures 1-3	8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

2 May 2005

Date of mailing of the international search report

12/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/066316 A1 (KASHIWAI MIKIO ET AL) 6 June 2002 (2002-06-06) paragraphs '0010!, '0011!; claims 1-3; figures 1-7	9
A	----- US 4 279 287 A (DAUDI ET AL) 21 July 1981 (1981-07-21) abstract; figures 1-3 -----	9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053134

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0607757	A	27-07-1994	EP 0607757 A1	27-07-1994
			AT 141197 T	15-08-1996
			CA 2093681 A1	16-07-1994
			DE 69304037 D1	19-09-1996
			DE 69304037 T2	20-02-1997
			US 5361493 A	08-11-1994
			US 5429422 A	04-07-1995
DE 2455279	A1	12-08-1976	NONE	
US 3951563	A	20-04-1976	GB 1439147 A	09-06-1976
			CA 1008652 A1	19-04-1977
			DE 2344726 A1	04-04-1974
			FR 2199121 A1	05-04-1974
			IN 141377 A1	19-02-1977
			IT 998532 B	20-02-1976
			JP 49093971 A	06-09-1974
			SE 400651 B	03-04-1978
US 2002066316	A1	06-06-2002	JP 2002166702 A	11-06-2002
US 4279287	A	21-07-1981	BR 8006504 A	23-06-1981
			CA 1141992 A1	01-03-1983
			DE 3046368 A1	27-08-1981
			FR 2471598 A1	19-06-1981
			GB 2067140 A ,B	22-07-1981
			JP 1003681 B	23-01-1989
			JP 1539286 C	16-01-1990
			JP 56086805 A	15-07-1981
			US 4354407 A	19-10-1982